

PORSE  
11-3-258-1V3  
11/5/01



BRIDGEWATER GROUP, INC.

4500 SW Kruse Way, Suite 110  
LAKE OSWEGO, OR 97035  
TEL: (503) 675-5252  
FAX: (503) 675-1960  
rieke@bridgeh2o.com

November 5, 2001

Ms. Kristin Castner  
Waste Management  
7227 NE 55<sup>th</sup> Avenue  
Portland, OR 97218

Subject: Crawford Street Corporation Site  
Waste Profile Sheet

Please find enclosed the completed waste profile sheet for approximately 300 cubic yards of stockpiled contaminated soil located at the Crawford Street Corporation site in Portland, Oregon. The soil was excavated as part of a cleanup action on the site. As noted on the form, the generator and customer is Schnitzer Group with whom I believe you have an established account. We look forward to your acceptance of the waste for placement in the Hillsboro landfill as a non-hazardous waste. Please call if you have any questions.

Sincerely,

BRIDGEWATER GROUP, INC.

Ross D. Rieke, P.E.  
Vice President  
Environmental Consultant

Encl.

cc: Mat Cusma/Schnitzer, w/enclosure

USEPA SF



1303400



**WASTE MANAGEMENT**  
Columbia Ridge, Hillsboro, Riverbend, Graham Road, Capitol, Wenatchee

# WASTE PROFILE SHEET TERMS & CONDITIONS

Profile Number: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

Profile Addendum Attached? \_\_\_\_\_

Service Agreement on File?

☐ Yes ☐ No

This form is to be used to comply with the requirements of governmental waste screening criteria.

☐ Yes ☐ No**A. Waste Generator Information**

1. Generator/Site Name: Crawford St. Corporation 2. SIC Code: N/A
3. Site Address: N. Burlington & N. Crawford St. Portland Site City: Portland
5. Site State: OR 7. Zip Code: 97203 6. Site Country: Multnomah
8. Generator USEPA/Federal ID#: N/A 9. Site Phone: None
10. Customer Name: Schnitzer/Bridgewater Group 11. Customer Phone: (503) 675-5252
12. Customer Contact: Ross Rieke 13. Customer FAX: (503) 675-1960

**B. Waste Stream and Billing Information**

1. Waste Description, Category: Contaminated Soil 3. Billing Address: Schnitzer - 3200 NW Yeon, Portland OR 97210
2. State Waste Code: None
4. Process Generating Waste: Excavated contaminated soil from site cleanup activities

5. Transporter/Transfer Station: \_\_\_\_\_ 6. Shipping Method: Truck
7. Estimated Quantity (Weight & Vol.): 300 CY / 400 tons per ☒ Job ☐ Year ☐ Other \_\_\_\_\_
8. Delivery Date(s): \_\_\_\_\_
9. Personal Protective Equipment Requirements: None
10. Is this a US Dept. of Transportation (USDOT) Hazardous Material? ☐ Yes ☒ No (If no, skip 10, 11 and 12)
11. Reportable Quantity: \_\_\_\_\_
12. Hazard Class / I.D. #: \_\_\_\_\_
13. Shipping Name: \_\_\_\_\_

☒ Check if additional information is attached. Indicate the number of attached pages: 15 (laboratory reports)

**C. Generator's Certification (Please check appropriate responses, sign and date reverse side)**

- |  | Yes                                 | No  |
|--|-------------------------------------|---|
| 1. Is the waste represented by this waste profile sheet a "Hazardous Waste" as defined by USEPA, Canadian, Mexican, State, or Provincial regulation?                               | <input type="checkbox"/>            | <input checked="" type="checkbox"/>                   |
| 2. Does the waste represented by this waste profile sheet contain regulated radioactive material or regulated concentrations of Polychlorinated Biphenyls (PCBs)?                  | <input type="checkbox"/>            | <input checked="" type="checkbox"/>                   |
| 3. Does this waste profile sheet and all attachments contain true and accurate descriptions of the waste material?   | <input checked="" type="checkbox"/> | <input type="checkbox"/>                              |
| 4. Has all relevant information within the possession of the Generator and Customer regarding known or suspected hazards pertaining to the waste been disclosed to the Contractor? | <input checked="" type="checkbox"/> | <input type="checkbox"/>                              |
| 5. Is the analytical data attached hereto derived from testing a representative sample in accordance with 40 CFR 261.20(c) or equivalent rules?                                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> N/A |
| 6. Will all changes that occur in the character of the waste be identified by the Generator and disclosed to the Contractor prior to providing the waste to the Contractor?        | <input checked="" type="checkbox"/> | <input type="checkbox"/>                              |

**D. Waste Management's Decision**

1. Management Method: \_\_\_\_\_
2. Designated Facility: \_\_\_\_\_ 3. Hours of acceptance: \_\_\_\_\_ ☐ N/A
4. Precautions, Special Handling Procedures, or Limitations on Approval: \_\_\_\_\_

Generic Approval: ☐ Yes ☐ No

Special Waste Decision:

☐ Approved☐ Disapproved

Sales Person: \_\_\_\_\_

Date: \_\_\_\_\_

Technical Manager: \_\_\_\_\_

Date: \_\_\_\_\_

GENERATOR AND CUSTOMER MUST READ AND SIGN REVERSE HEREOF

INITIAL \_\_\_\_\_

INITIAL \_\_\_\_\_

1. **ACCEPTABLE WASTE.** Customer shall deliver and Company shall accept for disposal or other management purpose only Acceptable Waste. As used herein, "Customer" shall mean both Customer and Generator listed on the reverse hereof. Customer shall deliver the full quantity of Acceptable Waste generated and/or handled by Customer as estimated on the reverse hereof. Acceptable Waste means and includes only such waste as is described on the reverse and which is approved and permitted for management at the Designated Facility listed on the reverse, and shall not include any Nonconforming Waste. As used herein, Nonconforming Waste means waste that: (a) is not in conformance with the description and/or estimated quantity of the waste set forth on the reverse; (b) is or contains any infectious waste, or radioactive, volatile, corrosive, highly flammable, explosive, biomedical, biohazardous material or hazardous, dangerous, or toxic substances, as defined pursuant to or listed or regulated under applicable federal, state or local law, except as stated on the reverse; or (c) is prohibited from being received, managed or disposed of at the Designated Facility by federal, state or local law, regulation, rule, code, ordinance, order, permit or permit condition;

2. **REPRESENTATIONS & WARRANTIES.** Customer represents and warrants that: (a) the description of the waste set forth on the reverse hereof is true and correct in all material respects; (b) all waste delivered to the Designated Facility by Customer shall be Acceptable Waste as defined above and shall not be or contain Nonconforming Waste; (c) Customer shall, and shall cause any carrier with which it contracts to, handle and transport the waste in a safe and workmanlike manner in full compliance with all applicable federal, state and local laws, ordinances, decisions, orders, rules or regulations; and (d) Customer has advised its drivers of Company's prohibition on delivery of Nonconforming Waste, of the definitions and listing of hazardous waste and hazardous substances under applicable federal and state law and regulations and of the definition of Acceptable Waste herein. Company represents and warrants that it shall manage the Acceptable Waste in a safe and workmanlike manner in full compliance with all applicable federal, state and local laws, ordinances, decisions, orders, rules or regulations.

3. **WASTE REJECTION.** Company may inspect, analyze or test any waste delivered by Customer and/or may reject, refuse or revoke acceptance of any waste if, in the opinion of Company, the waste or tender of delivery fails to conform to or Customer fails to comply with the terms of this Agreement, including by delivery of Nonconforming Waste. Company may also reject any waste which (a) Company reasonably believes would, as a result of or upon disposal or other management, be a violation of local, state or federal law, regulation, ordinance or permits, including land use restrictions or conditions applicable to the Designated Facility; or (b) in Company's opinion would present a significant risk to human health or the environment, cause a nuisance or otherwise create or expose Company or Customer to potential liability. Company also shall have the right to refuse to accept or to reject any Acceptable Waste in the event of Customer's failure to pay fees owed by Customer hereunder. In the event Company rejects or revokes acceptance of waste hereunder, Customer shall, at its sole cost, immediately remove or arrange to have the rejected waste removed from Company's control or property. Customer shall pay and/or reimburse Company for any and all costs, damages and/or fines incurred as a result of or relating to Customer's tender or delivery of Nonconforming Waste or other failure to comply or conform to this Agreement, including costs of inspection, testing and analysis.

4. **SPECIAL HANDLING; TITLE.** If Company elects, in its sole discretion, to handle, rather than reject, Nonconforming Waste, Company shall have the right to manage such Nonconforming Waste in the manner deemed most appropriate by Company given the characteristics of the Nonconforming Waste. Company may assess and Customer shall pay additional fees associated with delivery of Nonconforming Waste, including, but not limited to, special handling or disposal charges, and costs associated with different quantities of waste, different delivery dates, modifications in operations, specialized equipment, and other operational, environmental, health, safety or regulatory requirements. Title to and ownership of Acceptable Waste shall transfer to Company upon its final acceptance of Acceptable Waste. Title to, ownership of and liability for Nonconforming Waste shall at all times remain with Customer. Revocation of acceptance by Company shall operate to re-vest all incidents of ownership in Customer.

5. **INDEMNITY.** Each party hereto (the "Indemnitor") hereby agrees to indemnify, hold harmless and defend the other party, and its owners, officers, directors, employees and agents (collectively, the "Indemnitees"), from and against any and all liabilities, penalties, fines, forfeitures, fees, demands, claims, causes of action, suits, judgments and costs and expenses incidental thereto, including attorneys' fees (collectively, "Damages"), which any or all of the Indemnitees may hereafter suffer, incur, be responsible for or pay out, including for personal injuries, property damage, or contamination of or adverse effects on the environment, to the extent caused by, or arising from or in connection with the breach of any representations or warranties of the Indemnitor set forth in this Agreement, or any negligent actions or omissions or willful misconduct of the Indemnitor, its employees, officers, owners, directors or agents, or the violation of any law, ordinance or regulation, including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. § 9601 et seq., as amended. Such Indemnity shall exclude Damages to the extent they arise as a result of any negligent actions or omissions or willful misconduct of the Indemnitees or their employees, officers, owners, directors or agents. The indemnification obligation hereunder shall arise only in excess of any available and collectible insurance proceeds and the Indemnitor shall be liable hereunder to pay only its share of the amount of Damages, if any, that exceeds the total amount that all insurance has paid for the Damages, plus the total of all deductible and self-insured expenses paid under all insurance policies. The obligations in this Section 5 shall survive the performance and termination of this Agreement.

6. **UNCONTROLLABLE CIRCUMSTANCES; TERMINATION.** Except for the obligation to pay fees hereunder, the performance of this Agreement may be discontinued or temporarily suspended by either party, and neither party shall be deemed to be in breach of this Agreement, in the event performance is prevented by a cause or causes beyond the reasonable control of the affected party. Such causes shall include, but not be limited to, acts of God, acts of war, riot, fire, explosion, accident, flood or sabotage, governmental laws (including nuisance), permit conditions, regulations, restrictions (including land use), condition of the waste, injunction or actions or omissions of third party transporters or other contractors, suppliers or vendors. Company may immediately terminate management services hereunder upon written notice to Customer in the event Customer breaches any term, provision or obligation under this Agreement, in which case, Customer shall be liable for and shall pay to Company all costs and losses incurred by Company as a result of or relating to any such termination.

7. **MISCELLANEOUS.** This Agreement shall be governed by the laws of the state in which the Designated Facility is located. Every provision of this Agreement shall be severable. This Agreement represents the entire understanding and Agreement between the parties relating to the management of waste, except that, if the parties, or their parent companies, are parties to a national service agreement, the terms of such national service agreement shall govern over any inconsistent terms in this Agreement. No representations, statements or Agreements, unless agreed to by the parties in writing, shall modify, change, amend or otherwise affect the obligations undertaken in this Agreement. No waiver by either party of any one or more defaults or breaches by the other in the performance of this Agreement shall operate or be construed as a waiver of any future defaults or breaches. Customer may not assign this Agreement without the prior written consent of Company. This Agreement shall be binding upon and shall inure to the benefit of the parties' successors and assigns.

THIS IS A LEGALLY BINDING CONTRACT. EACH UNDERSIGNED INDIVIDUAL ACKNOWLEDGES THAT HE/SHE HAS READ AND UNDERSTANDS THE TERMS AND CONDITIONS OF THIS AGREEMENT SET FORTH ABOVE AND ON THE REVERSE HEREOF AND THAT HE/SHE HAS THE AUTHORITY TO SIGN ON BEHALF OF CUSTOMER/GENERATOR AND COMPANY. BY SIGNING BELOW, CUSTOMER AND GENERATOR INDICATE A FIRST HAND KNOWLEDGE OF THE WASTE'S CHARACTERISTICS AND CERTIFY THE TRUTH OF THE INFORMATION ON THE REVERSE HEREOF. AGREED TO AS OF THE DATES BELOW.

CUSTOMER:

  
(AUTHORIZED SIGNATURE)  
Ross Bieke, Agent for

(NAME, TITLE) Schnitzer

DATE: 11/5/01

GENERATOR:

  
(AUTHORIZED SIGNATURE)  
Ross Bieke, Agent for Schnitzer

(NAME, TITLE)

DATE: 11/5/01

COMPANY: Waste Management

(AUTHORIZED SIGNATURE)

(NAME, TITLE)

DATE:



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
425.420.9200 fax 425.420.9210  
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541.383.9310 fax 541.382.7588

Bridgewater Group  
4500 Kruse Way Suite 110  
Lake Oswego, OR 97035

Project: Crawford St.  
Project Number: na  
Project Manager: Ross Rieke

Reported:  
05/21/01 15:16

**Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method**  
**North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
SS-1 (P1D0891-01) Soil						Sampled: 04/26/01 Received: 04/26/01			
Diesel Range Organics	ND	250	mg/kg dry	10	NWTPH-Dx	04/27/01	04/27/01	1040992	R-02
Heavy Oil Range Hydrocarbons	3130	500	"	"	"	"	"	"	R-02
Surr: 1-Chlorooctadecane	99.4 %	50-150							
SS-2 (P1D0891-02) Soil						Sampled: 04/26/01 Received: 04/26/01			
Diesel Range Organics	ND	1000	mg/kg dry	40	NWTPH-Dx	04/27/01	04/30/01	1040992	R-02
Heavy Oil Range Hydrocarbons	13500	2000	"	"	"	"	"	"	R-02
Surr: 1-Chlorooctadecane	NR	50-150							S-01
SS-3 (P1D0891-03) Soil						Sampled: 04/26/01 Received: 04/26/01			
Diesel Range Organics	ND	250	mg/kg dry	10	NWTPH-Dx	04/27/01	04/27/01	1040992	R-02
Heavy Oil Range Hydrocarbons	5350	500	"	"	"	"	"	"	R-02
Surr: 1-Chlorooctadecane	68.2 %	50-150							
SS-4 (P1D0891-04) Soil						Sampled: 04/26/01 Received: 04/26/01			
Diesel Range Organics	ND	500	mg/kg dry	20	NWTPH-Dx	04/27/01	04/27/01	1040992	R-02
Heavy Oil Range Hydrocarbons	6350	1000	"	"	"	"	"	"	R-02
Surr: 1-Chlorooctadecane	NR	50-150							S-01
SS-10 (P1D0891-05RE1) Soil						Sampled: 04/26/01 Received: 04/26/01			
Diesel Range Organics	78.3	25.0	mg/kg dry	1	NWTPH-Dx	04/27/01	05/10/01	1040992	A-01,D-13
Heavy Oil Range Hydrocarbons	180	50.0	"	"	"	"	"	"	D-13
Surr: 1-Chlorooctadecane	120 %	50-150							

North Creek Analytical - Portland

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.  
Environmental Laboratory Network

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Bridgewater Group  
4500 Kruse Way Suite 110  
Lake Oswego, OR 97035

Project: Crawford St.  
Project Number: na  
Project Manager: Ross Rieke

Reported:  
05/21/01 15:16

**Gasoline Hydrocarbons per NW TPH-Gx Method**  
**North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
SS-1 (PID0891-01) Soil						Sampled: 04/26/01 Received: 04/26/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/27/01	04/27/01	1040986	
Surr: 4-BFB	85.9 %	50-150							
SS-2 (PID0891-02) Soil						Sampled: 04/26/01 Received: 04/26/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/27/01	04/28/01	1040986	
Surr: 4-BFB	82.6 %	50-150							
SS-3 (PID0891-03) Soil						Sampled: 04/26/01 Received: 04/26/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/27/01	04/28/01	1040986	
Surr: 4-BFB	79.5 %	50-150							
SS-4 (PID0891-04) Soil						Sampled: 04/26/01 Received: 04/26/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/27/01	04/28/01	1040986	
Surr: 4-BFB	83.8 %	50-150							
SS-10 (PID0891-05) Soil						Sampled: 04/26/01 Received: 04/26/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/27/01	04/28/01	1040986	
Surr: 4-BFB	84.5 %	50-150							

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Reported:  
05/21/01 15:16

**Total Metals per EPA 6000/7000 Series Methods**  
**North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
IS-10 (P1D0891-05) Soil					Sampled: 04/26/01 Received: 04/26/01				
Cadmium	ND	0.500	mg/kg dry	10	EPA 6010A	05/04/01	05/09/01	1050213	M-01
Chromium	174	0.500	"	"	"	"	"	"	M-01, Q-25
Lead	140	0.500	"	"	"	"	05/06/01	"	M-01
Mercury	ND	0.100	"	1	EPA 7471A	05/08/01	05/09/01	1050345	

North Creek Analytical - Portland

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Reported:  
05/21/01 15:16

**Polynuclear Aromatic Compounds per EPA 8270M-SIM**  
**North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
SS-4 (P1D0891-04) Soil						Sampled: 04/26/01	Received: 04/26/01		R-05
Naphthalene	ND	168	ug/kg dry	5	EPA 8270m	05/07/01	05/08/01	1050259	
Phenanthrene	224	168	"	"	"	"	"	"	
Pyrene	314	168	"	"	"	"	"	"	
Surr: Fluorene-d10	82.0 %	40-150							
Surr: Pyrene-d10	83.9 %	40-150							
Surr: Benzo (a) pyrene-d12	102 %	40-150							

SS-10 (P1D0891-05) Soil						Sampled: 04/26/01	Received: 04/26/01		R-05
Acenaphthene	96.3	67.0	ug/kg dry	5	EPA 8270m	05/07/01	05/08/01	1050259	
Acenaphthylene	ND	67.0	"	"	"	"	"	"	
Anthracene	192	67.0	"	"	"	"	"	"	
Benzo (a) anthracene	498	67.0	"	"	"	"	"	"	
Benzo (a) pyrene	768	67.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	728	67.0	"	"	"	"	"	"	
Benzo (ghi) perylene	573	67.0	"	"	"	"	"	"	
Benzo (k) fluoranthene	682	67.0	"	"	"	"	"	"	
Chrysene	632	67.0	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	168	67.0	"	"	"	"	"	"	
Fluoranthene	927	67.0	"	"	"	"	"	"	
Fluorene	99.8	67.0	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	515	67.0	"	"	"	"	"	"	
Naphthalene	ND	67.0	"	"	"	"	"	"	
Phenanthrene	658	67.0	"	"	"	"	"	"	
Pyrene	742	67.0	"	"	"	"	"	"	
Surr: Fluorene-d10	92.0 %	40-150							
Surr: Pyrene-d10	96.4 %	40-150							
Surr: Benzo (a) pyrene-d12	105 %	40-150							

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Bridgewater Group  
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Lake Oswego, OR 97035

Project: Crawford St.  
Project Number: na  
Project Manager: Ross Rieke


Reported:  
05/24/01 12:41

**Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method**  
**North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
SS-6 (P1D0788-01) Soil <span style="float:right">Sampled: 04/24/01 Received: 04/24/01</span>									
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	04/25/01	04/25/01	1040884	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	85.7 %	50-150							
SS-7 (P1D0788-02) Soil <span style="float:right">Sampled: 04/24/01 Received: 04/24/01</span>									
Diesel Range Organics	31.7	25.0	mg/kg dry	1	NWTPH-Dx	04/25/01	04/25/01	1040884	
Heavy Oil Range Hydrocarbons	70.4	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	88.7 %	50-150							
SS-8 (P1D0788-03) Soil <span style="float:right">Sampled: 04/24/01 Received: 04/24/01</span>									
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	04/25/01	04/26/01	1040884	
Heavy Oil Range Hydrocarbons	194	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	107 %	50-150							
SS-9 (P1D0788-04) Soil <span style="float:right">Sampled: 04/24/01 Received: 04/24/01</span>									
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	04/25/01	04/25/01	1040884	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	93.1 %	50-150							
SS-5 (P1D0788-05) Soil <span style="float:right">Sampled: 04/24/01 Received: 04/24/01</span>									
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	04/25/01	04/25/01	1040884	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	92.8 %	50-150							
PP-2-20 (P1D0788-07) Soil <span style="float:right">Sampled: 04/24/01 Received: 04/24/01</span>									
Diesel Range Organics	ND	25.0	mg/kg dry	1	NWTPH-Dx	04/25/01	04/25/01	1040884	
Heavy Oil Range Hydrocarbons	ND	50.0	"	"	"	"	"	"	
Surr: 1-Chlorooctadecane	92.7 %	50-150							

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Bridgewater Group  
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Lake Oswego, OR 97035

Project: Crawford St.  
Project Number: na  
Project Manager: Ross Rieke


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**Gasoline Hydrocarbons per NW TPH-Gx Method**  
**North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
SS-6 (P1D0788-01) Soil						Sampled: 04/24/01 Received: 04/24/01			
Gasoline Range Hydrocarbons	4.80	4.00	mg/kg dry	1	NW TPH-Gx	04/25/01	04/25/01	1040881	
Surr: 4-BFB	95.1 %	50-150							
SS-7 (P1D0788-02) Soil						Sampled: 04/24/01 Received: 04/24/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/25/01	04/25/01	1040881	
Surr: 4-BFB	87.6 %	50-150							
SS-8 (P1D0788-03) Soil						Sampled: 04/24/01 Received: 04/24/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/25/01	04/25/01	1040881	
Surr: 4-BFB	98.6 %	50-150							
SS-9 (P1D0788-04) Soil						Sampled: 04/24/01 Received: 04/24/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/25/01	04/25/01	1040881	
Surr: 4-BFB	96.1 %	50-150							
SS-5 (P1D0788-05) Soil						Sampled: 04/24/01 Received: 04/24/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/25/01	04/25/01	1040881	
Surr: 4-BFB	96.5 %	50-150							
PP-2-20 (P1D0788-07) Soil						Sampled: 04/24/01 Received: 04/24/01			
Gasoline Range Hydrocarbons	4.84	4.00	mg/kg dry	1	NW TPH-Gx	04/25/01	04/26/01	1040881	
Surr: 4-BFB	95.5 %	50-150							
PP-3-24 (P1D0788-08) Soil						Sampled: 04/24/01 Received: 04/24/01			
Gasoline Range Hydrocarbons	ND	4.00	mg/kg dry	1	NW TPH-Gx	04/25/01	04/26/01	1040881	
Surr: 4-BFB	92.3 %	50-150							

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Project Number: na  
Project Manager: Ross Rieke

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### Total Metals per EPA 6000/7000 Series Methods

#### North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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#### SS-8 (PID0788-03) Soil

Sampled: 04/24/01 Received: 04/24/01

Antimony	ND	0.500	mg/kg dry	0.1	EPA 6020	05/03/01	05/05/01	1050192	
Arsenic	5.65	0.500	"	"	"	"	"	"	
Beryllium	ND	0.500	"	1	EPA 6010A	"	"	"	M-01
Cadmium	ND	0.500	"	10	"	"	05/23/01	"	M-01
Chromium	69.0	0.500	"	1	"	"	05/05/01	"	M-01
Copper	170	0.500	"	"	"	"	"	"	M-01
Lead	45.6	0.500	"	"	"	"	"	"	M-01
Mercury	0.167	0.100	"	"	EPA 7471A	05/01/01	05/01/01	1050018	
Nickel	29.0	1.00	"	"	EPA 6010A	05/03/01	05/05/01	1050192	M-01
Selenium	0.503	0.500	"	0.1	EPA 6020	"	"	"	
Silver	ND	0.500	"	1	EPA 6010A	"	"	"	M-01
Thallium	ND	0.500	"	0.1	EPA 6020	"	"	"	
Zinc	178	2.50	"	1	EPA 6010A	"	05/08/01	"	


#### SS-9 (PID0788-04) Soil

Sampled: 04/24/01 Received: 04/24/01

Antimony	ND	0.500	mg/kg dry	0.1	EPA 6020	05/03/01	05/05/01	1050192	
Arsenic	12.7	0.500	"	"	"	"	"	"	
Beryllium	0.693	0.500	"	1	EPA 6010A	"	"	"	M-01
Cadmium	ND	0.500	"	10	"	"	05/23/01	"	M-01
Chromium	32.3	0.500	"	1	"	"	05/05/01	"	M-01
Copper	30.2	0.500	"	"	"	"	"	"	M-01
Lead	36.6	0.500	"	"	"	"	"	"	M-01
Mercury	ND	0.100	"	"	EPA 7471A	05/01/01	05/01/01	1050018	
Nickel	25.3	1.00	"	"	EPA 6010A	05/03/01	05/05/01	1050192	M-01
Selenium	ND	0.500	"	0.1	EPA 6020	"	"	"	
Silver	ND	0.500	"	1	EPA 6010A	"	"	"	M-01
Thallium	ND	0.500	"	0.1	EPA 6020	"	"	"	
Zinc	122	2.50	"	1	EPA 6010A	"	05/08/01	"	

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Project: Crawford St.  
Project Number: na  
Project Manager: Ross Rieke

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**Total Metals per EPA 6000/7000 Series Methods**  
**North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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**SS-5 (PID0788-05) Soil**

Sampled: 04/24/01 Received: 04/24/01

Cadmium	ND	0.500	mg/kg dry	10	EPA 6010A	05/04/01	05/09/01	1050213	M-01
Chromium	202	0.500	"	"	"	"	"	"	M-01, Q-25
Lead	65.3	0.500	"	"	"	"	05/06/01	"	M-01
Mercury	ND	0.100	"	1	EPA 7471A	05/01/01	05/01/01	1050018	

**SS-11 (PID0788-06) Soil**

Sampled: 04/24/01 Received: 04/24/01

Arsenic	12.6	0.500	mg/kg dry	0.1	EPA 6020	05/03/01	05/05/01	1050192	
Chromium	82.7	0.500	"	1	EPA 6010A	"	"	"	M-01
Copper	122	0.500	"	"	"	"	"	"	M-01
Lead	29.4	0.500	"	"	"	"	"	"	M-01
Nickel	54.6	1.00	"	"	"	"	"	"	M-01
Zinc	209	2.50	"	"	"	"	05/08/01	"	

**SS-24 (PID0788-08) Soil**

Sampled: 04/24/01 Received: 04/24/01

Antimony	ND	0.500	mg/kg dry	0.1	EPA 6020	05/03/01	05/05/01	1050192	
Arsenic	8.08	0.500	"	"	"	"	"	"	
Beryllium	0.647	0.500	"	1	EPA 6010A	"	"	"	M-01
Cadmium	ND	0.500	"	10	"	"	05/23/01	"	M-01
Chromium	20.7	0.500	"	1	"	"	05/05/01	"	M-01
Copper	24.4	0.500	"	"	"	"	"	"	M-01
Lead	14.7	0.500	"	"	"	"	"	"	M-01
Mercury	ND	0.100	"	"	EPA 7471A	05/01/01	05/01/01	1050018	
Nickel	20.3	1.00	"	"	EPA 6010A	05/03/01	05/05/01	1050192	M-01
Selenium	ND	0.500	"	0.1	EPA 6020	"	"	"	
Silver	ND	0.500	"	1	EPA 6010A	"	"	"	M-01
Thallium	ND	0.500	"	0.1	EPA 6020	"	"	"	
Zinc	87.5	23.0	"	9.19	EPA 6010A	"	"	"	M-01

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Project Number: na  
Project Manager: Ross Rieke

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## Semivolatile Organic Compounds per EPA Method 8270C

### North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
SS-8 (PID0788-03) Soil					Sampled: 04/24/01 Received: 04/24/01				
Fluorene	ND	0.330	mg/kg dry	1	EPA 8270C	05/07/01	05/09/01	1050283	
Hexachlorobenzene	ND	0.330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.00	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	1.00	"	"	"	"	"	"	
Hexachloroethane	ND	1.00	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
Isophorone	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
2-Methylphenol	ND	0.330	"	"	"	"	"	"	
3-,4-Methylphenol	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
2-Nitroaniline	ND	0.330	"	"	"	"	"	"	
3-Nitroaniline	ND	1.00	"	"	"	"	"	"	
4-Nitroaniline	ND	0.330	"	"	"	"	"	"	
Nitrobenzene	ND	0.330	"	"	"	"	"	"	
2-Nitrophenol	ND	0.330	"	"	"	"	"	"	
4-Nitrophenol	ND	1.00	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	0.330	"	"	"	"	"	"	
Pentachlorophenol	ND	1.00	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Phenol	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.330	"	"	"	"	"	"	

Surr: 2-Fluorobiphenyl	85.6 %	44-146
Surr: 2-Fluorophenol	74.0 %	42-126
Surr: Nitrobenzene-d5	73.3 %	42-126
Surr: Phenol-d6	73.0 %	42-131
Surr: p-Terphenyl-d14	79.8 %	49-150
Surr: 2,4,6-Tribromophenol	93.2 %	48-119

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
## Semivolatile Organic Compounds per EPA Method 8270C

### North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
SS-8 (P1D0788-03) Soil						Sampled: 04/24/01 Received: 04/24/01			
Acenaphthene	ND	0.330	mg/kg dry	1	EPA 8270C	05/07/01	05/09/01	1050283	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzoic Acid	ND	1.00	"	"	"	"	"	"	
Benzyl alcohol	ND	0.330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	0.330	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	0.330	"	"	"	"	"	"	
4-Chloroaniline	ND	2.00	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	0.330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	0.330	"	"	"	"	"	"	
2-Chloronaphthalene	ND	0.330	"	"	"	"	"	"	
2-Chlorophenol	ND	0.330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	1.00	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.330	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	1.00	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.330	"	"	"	"	"	"	
Diethyl phthalate	ND	0.330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.00	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	1.00	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	2.00	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.500	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	2.00	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	

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Project Manager: Ross Rieke

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**Polynuclear Aromatic Compounds per EPA 8270M-SIM**  
**North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
IS-5 (P1D0788-05) Soil					Sampled: 04/24/01 Received: 04/24/01			R-05	
Acenaphthene	ND	67.0	ug/kg dry	5	EPA 8270m	05/07/01	05/08/01	1050259	
Acenaphthylene	ND	67.0	"	"	"	"	"	"	
Anthracene	ND	67.0	"	"	"	"	"	"	
Benzo (a) anthracene	68.3	67.0	"	"	"	"	"	"	
Benzo (a) pyrene	82.8	67.0	"	"	"	"	"	"	
Benzo (b) fluoranthene	81.1	67.0	"	"	"	"	"	"	
Benzo (ghi) perylene	74.2	67.0	"	"	"	"	"	"	
Benzo (k) fluoranthene	71.8	67.0	"	"	"	"	"	"	
Chrysene	83.8	67.0	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	67.0	"	"	"	"	"	"	
Fluoranthene	144	67.0	"	"	"	"	"	"	
Fluorene	ND	67.0	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	67.0	"	"	"	"	"	"	
Naphthalene	ND	67.0	"	"	"	"	"	"	
Phenanthrene	168	67.0	"	"	"	"	"	"	
Pyrene	127	67.0	"	"	"	"	"	"	
Surr: Fluorene-d10	110 %	40-150							
Surr: Pyrene-d10	97.7 %	40-150							
Surr: Benzo (a) pyrene-d12	115 %	40-150							


**PP-3-24 (P1D0788-08) Soil**

Sampled: 04/24/01 Received: 04/24/01

Acenaphthene	ND	13.4	ug/kg dry	1	EPA 8270m	05/07/01	05/08/01	1050259	
Acenaphthylene	ND	13.4	"	"	"	"	"	"	
Anthracene	ND	13.4	"	"	"	"	"	"	
Benzo (a) anthracene	ND	13.4	"	"	"	"	"	"	
Benzo (a) pyrene	ND	13.4	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	13.4	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	13.4	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	13.4	"	"	"	"	"	"	
Chrysene	ND	13.4	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	13.4	"	"	"	"	"	"	
Fluoranthene	ND	13.4	"	"	"	"	"	"	
Fluorene	ND	13.4	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	13.4	"	"	"	"	"	"	
Naphthalene	ND	13.4	"	"	"	"	"	"	
Phenanthrene	ND	13.4	"	"	"	"	"	"	
Pyrene	ND	13.4	"	"	"	"	"	"	
Surr: Fluorene-d10	67.7 %	40-150							

North Creek Analytical - Portland

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Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.  
Environmental Laboratory Network

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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244  
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Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776  
509.924.9200 fax 509.924.9290  
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132  
503.906.9200 fax 503.906.9210  
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711  
541.383.9310 fax 541.382.7588

Bridgewater Group  
4500 Kruse Way Suite 110  
Lake Oswego, OR 97035

Project: Crawford St.  
Project Number: na  
Project Manager: Ross Rieke

Reported:  
05/20/01 21:42

**Polychlorinated Biphenyls per EPA Method 8082**  
**North Creek Analytical - Portland**

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
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**SS-5A (PIE0434-01) Soil**

Sampled: 05/14/01 Received: 05/14/01

Aroclor 1016	ND	67.0	ug/kg dry	1	EPA 8082	05/15/01	05/15/01	1050597	
Aroclor 1221	ND	134	"	"	"	"	"	"	
Aroclor 1232	ND	67.0	"	"	"	"	"	"	
Aroclor 1242	ND	67.0	"	"	"	"	"	"	
Aroclor 1248	ND	67.0	"	"	"	"	"	"	
Aroclor 1254	ND	67.0	"	"	"	"	"	"	
Aroclor 1260	224	67.0	"	"	"	"	"	"	

Surr: 2,4,5,6-Tetrachloro-m-xylene

108 % 63-119

Surr: Decachlorobiphenyl

85.0 % 52-131

**SS-10A (PIE0434-02) Soil**

Sampled: 05/14/01 Received: 05/14/01

Aroclor 1016	ND	67.0	ug/kg dry	1	EPA 8082	05/15/01	05/15/01	1050597	
Aroclor 1221	ND	134	"	"	"	"	"	"	
Aroclor 1232	ND	67.0	"	"	"	"	"	"	
Aroclor 1242	ND	67.0	"	"	"	"	"	"	
Aroclor 1248	ND	67.0	"	"	"	"	"	"	
Aroclor 1254	1110	67.0	"	"	"	"	"	"	
Aroclor 1260	ND	67.0	"	"	"	"	"	"	

Surr: 2,4,5,6-Tetrachloro-m-xylene

95.6 % 63-119

Surr: Decachlorobiphenyl

82.8 % 52-131

North Creek Analytical - Portland

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Philip Nerenberg, Laboratory Manager

North Creek Analytical, Inc.  
Environmental Laboratory Network

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# Environmental Services Laboratory

Date: 31-Oct-01

CLIENT: Bridgewater Group  
Lab Order: 0110211  
Project:  
Lab ID: 0110211-01A

Client Sample ID: SP-2  
Tag Number:  
Collection Date: 10/22/01  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS		EPA 6010B				Analyst: mal
Lead, TCLP	0.381	0.0500		mg/L	1	10/26/01

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range



# Environmental Services Laboratory

Date: 31-Oct-01

CLIENT: Bridgewater Group  
Lab Order: 0110211  
Project:  
Lab ID: 0110211-02A

Client Sample ID: SP-3  
Tag Number:  
Collection Date: 10/22/01  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS		EPA 6010B				Analyst: mal
Lead, TCLP	3.14	0.0500		mg/L	1	10/26/01

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Environmental Services Laboratory

Date: 02-Nov-01

CLIENT: Bridgewater Group  
Lab Order: 0110200  
Project: CRF001/Crawford St.  
Lab ID: 0110200-26A

Client Sample ID: SP-1  
Tag Number:  
Collection Date: 10/20/01  
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS		EPA 6010B				Analyst: mal
Lead, TCLP	4.73	0.0500		mg/L	1	10/29/01

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range